



Caltrans

Metric

EQUIPMENT SCHEDULE:

Equipment for Westbound

A

Utility Panel, UP-107, 100A
208/120 V, 3-phase, 4-wire

A1

Main Breaker for UP-107 (Nema 4X)
Size: 495 H X 232 W X 124 D

A2

15 kVA Transformer, 3 phase, 60 hertz
480 V-208/120 V, 3 phase (Nema 4x)
Size: 375 H X 485 W X 311 D

C

Controller Cabinet #TOS-7WA
Size: 1625 H X 615 W X 768 D

L

TOS/COM-7WA Pull Box (PB-2B)

Equipment for Eastbound

D

Utility Panel, UP-207, 100A, MLO
208/120 V, 3-phase, 4-wire

D1

Main Breaker for (D2) (Nema 4X)
Size: 495 H X 232 W X 124 D

D2

15 kVA Transformer, 3 phase, 60 hertz
480 V-208/120 V, 3 phase (Nema 4X)
Size: 375 H X 485 W X 311 D

D3

Enclosed circuit breaker
10 kAIC 240 V 3 phase in NEMA 4X
enclosure.

E

Lighting Panel LP-222, 100A MLO
208/120 V, 3-phase, 4-wire

E1

Main Breaker for (E2) (Nema 4X)
Size: 495 H X 232 W X 124 D

E2

15 kVA Transformer, 3 phase, 60 hertz
480 V-208/120 V, 3 phase (Nema 4X)
Size: 375 H X 485 W X 311 D

E3

Enclosed circuit breaker
10 kAIC 240 V 3 phase in NEMA 4X
enclosure.

F

Controller Cabinet #TOS-7EA
Size: 1625 H X 615 W X 768 D

M

TOS/COM-7EA Pull Box (PB-2B)

Equipment Common for Westbound/Eastbound

G

Telephone Terminal Box #TEL-7 (PB-7C)

H

Communication Terminal Box #COM-7 (PB-7B)

JENS ERLINGSSON

12/19/02

REGISTERED ELECTRICAL ENGINEER DATE

12-6-04

PLANS APPROVAL DATE

PB POWER, Inc.

A Parsons Brinckerhoff Company

303 Second St., Suite 700N

San Francisco, CA 94107-1317

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SHEET NOTES:

1

For electrical panel support details, see AS-sheet.

2

Cable trays shall be without cover located below panel racks #1 and #2.

3

600 V Stainless steel wireway with cover.

4

Low level cable trays with cover.

5

Low level Stainless steel wireway with cover.

NOTES:

1

The contractor shall verify the sizes and mounting dimensions of all rack mounted equipment prior to the fabrication of service platform racks.

2

Contractor to provide cover and sealant to all cabinets with bottom open. Cover shall be of the same material. See Sheet E-78B for details.

3

References:

- For platform 7 conduit, lighting and grounding plan, see sheet E-117.
- For location of platform 7, see sheet E-49.
- TOS are shown for conduit routing only. For typical details of TOS controller and devices, see sheets E-344 through E-361.
- For schedule of utility panel UP-107, see sheet E-62.
- For schedule of utility panel UP-207, see sheet E-153.
- For schedule of lighting panel LP-222, see sheet E-157.
- For typical panel arrangement details of SCADA communications terminal box, see sheet E-321.
- For pull box schedule, see sheet E-83.
- For circuit and conduit/cable tray schedules, see sheets starting at E-401.
- For platform elevations, see sheet E-74A.

REGISTERED PROFESSIONAL ENGINEER

FADI WALLEDDINE

No. 11465

Exp. 12/31/2009

ELECTRICAL

STATE OF CALIFORNIA

FOR REVISION ONLY

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

1	10/30/08	SERVICE PLATFORM ELECTRICAL CHANGES	RR	RG	55
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO. _____

SHEET _____ OF _____

DETAILS

SAS SUPERSTRUCTURE ROADWAY WESTBOUND

PLATFORM 7 ARRANGEMENT

SCALE AS NOTED

E-74

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

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